

1086-91-2284 **Angela G Vierling-Claassen*** (avierlin@lesley.edu), Cambridge, MA. *Gendered Division of Labor in Parenting.*

In this presentation, a game of repeated play is used to model parental child care in order to examine the gap between the expectations of egalitarian-minded couples before the transition to parenthood and the reality of parenthood with its gendered roles. The analysis shows that it is difficult to achieve the equilibrium of equal sharing of child care, even when this is the preference of the parents. This leads to a discussion of alterations and meta-strategies for couples who want to share care equally. Gender differences between parents are also modeled, including the impact these have on outcomes and equilibria. This work will be published in the journal *Rationality and Society*, and the presentation will also include a discussion of the journey from writing a mathematics paper to eventually publishing a revised form of that paper in a sociology journal. (Received September 25, 2012)